Notice of Allowability	Application No.	Applicant(s)	
	09/731,581	MAYMUDES ET AL.	
	Examiner	Art Unit	
	Ba Huynh	2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the paper filed on 10/24/06*.

2. ☒ The allowed claim(s) is/are *1-25 and 27-51*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☑ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

BA HUYNH
PRIMARY EXAMINER

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The specification has been amended as follow. Authorization for this examiner's amendment to the specification was given in a telephone interview with John R Bucher (as per Cheryl Boies) on 10/10/06.

In the specification,

page 8, line 6, after the phrase "Application Serial No.", replace the blank with "09/731,560 (US Patent No. 6,774,919)",

page 8, line 10, after the phrase "Application Serial No.", replace the blank with "09/732,084 (US Patent No. 6,834,390)",

page 8, line 14, after the phrase "Application Serial No.", replace the blank with "09/731,490 (US Patent #6,983,466)",

page 8, line 18, after the phrase "Application Serial No.", replace the blank with "09/732,452 (US Patent No. 7,114,161)",

page 8, line 22, after the phrase "Application Serial No.", replace the blank with "09/731,529 (US Patent No. 6,961,943)",

page 8, line 26, after the phrase "Application Serial No.", replace the blank with "09/732,087 (US Patent No. 6,959,438)",

page 8, line 30, after the phrase "Application Serial No.", replace the blank with "09/732,090 (US Patent No. 6,611,215)",

page 8, line 34, after the phrase "Application Serial No.", replace the blank with "09/732,085 (US Patent No. 7,114,162)",

page 9, line 1, after the phrase "Application Serial No.", replace the blank with "09/731,491 (US Patent No. 6,768,499)",

page 9, line 5, after the phrase "Application Serial No.", replace the blank with "09/731,563 (US Patent No. 6,954,581)",

page 9, line 9, after the phrase "Application Serial No.", replace the blank with "09/731,892 (US Patent No. 6,912,717)",

page 9, line 13, after the phrase "Application Serial No.", replace the blank with "09/732,089 (US Patent No. 7,103,677)",

page 9, line 17, after the phrase "Application Serial No.", replace the blank with "09/731,581",

page 9, line 21, after the phrase "Application Serial No.", replace the blank with "09/732,372 (US Patent No. 6,882,891)",

page 9, line 24, after the phrase "Application Serial No.", replace the blank with "09/732,086".

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The claims have been amend as follow. Authorization for this examiner's amendment was given in a telephone interview with Mr. Rich Bucher on 8/18/06.

Claim 1: A software-implemented video rendering system comprising:

a video application configured to enable a user to combine multiple different video clips; and

a bitmap processor operatively coupled with the video application and configured to receive a first bitmap having a structure that can be used to render a first transition between video clips and automatically process the first bitmap to provide a different structure that provides a different transition between video clips, wherein the first bitmap does not comprise video clip content, and wherein the transitions are configured to enable one video clip to completely replace another video clip, wherein the bitmap processor is configured to cause the first bitmap to be copied multiple times and for the multiple copies to be assembled into an intermediate bitmap having a dimension that is larger than the dimension of the first bitmap, wherein the intermediate bitmap is configured to provide a second bitmap.

Claim 2: The software-implemented video rendering system of claim 1, wherein [the bitmap processor is configured to process the first bitmap to provide a second bit map that is different from the first bitmap,] the second bitmap being configured to render the different transition.

Claim 11. Computer-readable storage media having software code that implements the video rendering system of claim 1.

Claim 12. A method of displaying a video comprising:
selecting a bitmap having a structure that defines a first transition that can be used to transition between video clips;
operating upon the bitmap to provide a second structure that provides a second transition that is different from the first transition by using one or more parameters that are provided by a user, the parameters being used to operate upon the bitmap, wherein the bitmap is configured to be copied multiple times and the multiple copies to be assembled into an intermediate bitmap having a dimension that is larger than the dimension of the bitmap; and
effecting the second transition between video clips, wherein said effecting comprises completely replacing one video clip with another video clip.

Claim 21. A video application embodied on a computer-readable storage medium that is programmed to implement the method of claim 12.

Claim 22. One or more computer-readable storage media having computer-readable instructions thereon which, when executed by a computer, implement the method of claim 12.

Claim 23. A method of displaying a multi-media editing project comprising:

receiving one or more parameters from a user, the parameters being associated with a multi-media editing project and relating to a transition that can be applied between two video clips in the project,

selecting a bitmap having a structure that defines a first transition that can be used to transition between the video clips;

operating upon the bitmap to provide a different structure that defines a second transition that is different from the first transition by using the one or more parameters, wherein the bitmap is configured to be copied multiple times and the multiple copies to be assembled into an intermediate bitmap having a dimension that is larger than the dimension of the bitmap; and

effecting the second transition between video clips, wherein said effecting comprises completely replacing one video clip with another video clip.

Claim 27. One or more computer-readable storage media having computer-readable instructions thereon which, when executed by a computer, cause the computer to:

select a first bitmap having a structure that defines a transition that can be

applied between two video clips in a video editing project;

operate upon the first bitmap to provide a second bitmap having a second structure that is different from the structure of the first bitmap by using one or more parameters that are provided by a user, the first bitmap being operated upon by operations comprising one or more of the following operations: stretching, shrinking, replicating, and offsetting, wherein the first bitmap is configured to be copied multiple times and the multiple copies to be assembled into an intermediate bitmap having a dimension that is larger than the dimension of the first bitmap, wherein the intermediate bitmap is configured to provide a second bitmap; and

use the second bitmap in a transition between at least two videos, wherein said transition completely replaces one video with another video.

Claim 28. A software-implemented method of displaying a multi-media editing project comprising:

providing a user interface (UI) through which a user can enter one or more parameters that can be used to manipulate a bitmap-defined transition;

receiving one or more parameters that are entered by a user via the UI;

selecting a first bitmap having a structure that defines a transition and is associated with the one or more parameters entered by the user;

automatically operating upon the first bitmap to provide a second bitmap having a different structure that defines a transition that is different from the transition defined by the first bitmap by using the one or more parameters that are

provided by a user, said operating comprising performing one or more of the following operations on the first bitmap: stretching, shrinking, replicating, and offsetting, wherein the first bitmap is configured to be copied multiple times and the multiple copies to be assembled into an intermediate bitmap having a dimension that is larger than the dimension of the first bitmap, wherein the intermediate bitmap is configured to provide a second bitmap; and

using the second bitmap in a transition between at least two videos, wherein said transition completely replaces one video with another video.

Claim 29. A multi-media project editing application embodied on a computer readable storage medium programmed to implement the method of claim 28.

Claim 30. A multi-media project editing system comprising:

a software implemented bitmap processor configured for use in connection with a multi-media editing application to effect a transition between different videos, the bitmap processor being configured to:

receive one or more parameters from a user;

select a first bitmap having a structure that defines a first transition between two videos;

operate upon the first bitmap in accordance with the one or more parameters to provide a different structure that defines a second transition

that is different from the first transition, wherein the bitmap processor is configured to cause the first bitmap to be copied multiple times and for the multiple copies to be assembled into an intermediate bitmap having a dimension that is larger than the dimension of the first bitmap; and

apply the second transition between two videos, wherein said second transition completely replaces one video with another video.

Claim 39. A method of displaying a multi-media editing project comprising:

selecting a first bitmap having a structure comprising multiple pixels, each pixel being capable of having one of a number of predetermined of gray scale values, the first bitmap defining a transition between two videos in a multi-media editing project;

operating upon the selected first bitmap to provide a second bitmap having a second structure that is different from the first bitmap by using one or more parameters that are provided by a user, the second bit map defining a different transition, wherein the first bitmap is configured to be copied multiple times and the multiple copies to be assembled into an intermediate bitmap having a dimension that is larger than the dimension of the first bitmap, wherein the intermediate bitmap is configured to provide a second bitmap;

rescaling the second bitmap to ensure that pixels of the second bit map have, collectively, all of the predetermined gray scale values, and

using the second bitmap in a transition between at least two videos, wherein

said transition completely replaces one video with another video.

Claim 47. A multi-media project editing application embodied on a computer readable storage medium and programmed to implement the method of claim 39.

Claim 48. One or more computer-readable storage media having computer-readable instructions thereon which, when executed by a computer, implement the method of claim 39.

The following is an examiner's statement of reasons for allowance: Independent claims 1, 12, 23, 27, 28, 30, 39, and 49, when considered as a whole, are allowable over the art of record. Specifically, prior art of record fail to clearly teach or suggest the first bitmap is configured to be copied multiple times and the multiple copies to be assembled into an intermediate bitmap having a dimension that is larger than the dimension of the first bitmap as recited in independent claims 1, 12, 23, 27, 28, 30, 39. As for independent claim 49, the prior art of record fail to clearly teach or suggest receiving parameters from the user that define a range that in turn defines a border thickness of a border that is used in connection with the first-mentioned bitmap to effect the second transition.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ba Huynh whose telephone number is (571) 272-4138. The examiner can normally be reached on Mon - Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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1/3/07